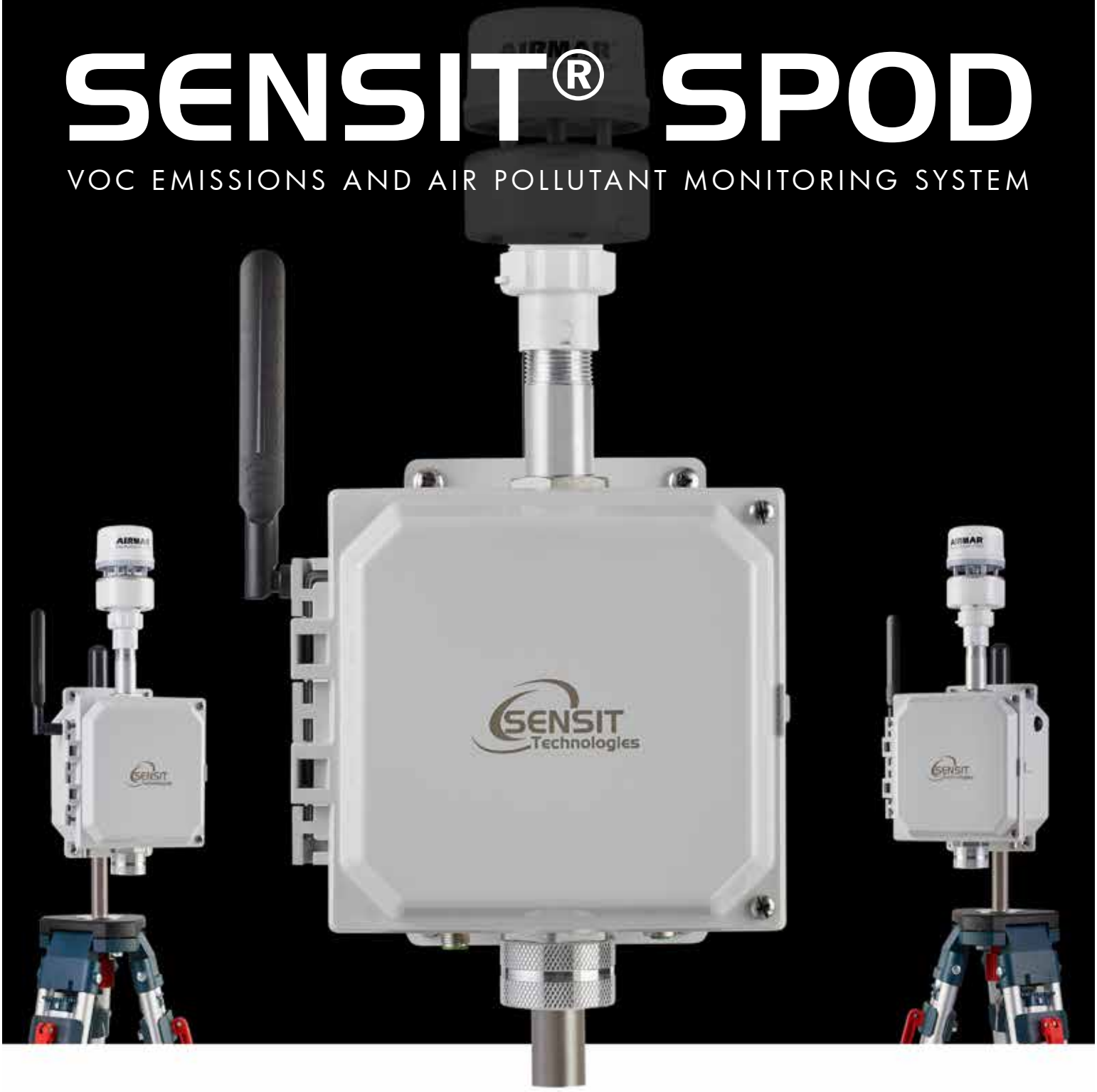
SENSIT® SPOD

VOC EMISSIONS AND AIR POLLUTANT MONITORING SYSTEM



SENSIT® SPOD sensors help detect, locate and continuously monitor air pollutant sources.

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies

Innovative Detection Solutions

www.gasleaksensors.com

SENSIT® SPOD

A remote air quality monitoring platform and pollution data management system

The SENSIT® SPOD is a low-cost, solar-powered sensor system that combines wind and air pollutant concentration measurements to detect VOC emission plumes and help locate the source of emissions.

With a small footprint, the user-friendly SENSIT® SPOD is designed for near-fenceline applications where localized emissions may be present. This Next Generation Air Measurement (NGAM) sensor offers real-time continuous monitoring and direct-reading, without laboratory analysis at a lower cost than traditional methods.

The SENSIT® SPOD features solar charging and global cellular integration for remote operation.

SENSIT® SPOD includes an Ultrasonic weather station for wind speed, direction, temperature, humidity, and pressure.

Standard Features

- Real-time Continuous Monitoring
- Modular Data Transmission
- Cellular (4G IoT default)
- Local RF (Optional)
- Total VOC Output: (Variable range)
- Auxiliary Port for Automated Sampling
- Solar Compatible with Integrated Battery Backup

Applications

- Fenceline emissions monitoring
- Large-scale outdoor air monitoring
- Community stations

Accessories

- 4 Port Canister Valve Controller
- Canister Pressure Monitors
- 4 Port Sorption Tube Sampler

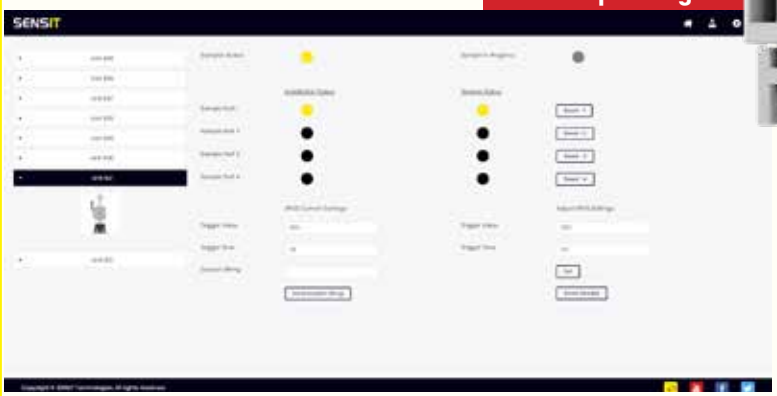
PRODUCT SPECIFICATIONS

Weight	Base unit:
Dimensions	6x8x16" (Fully assembled with anemometer and antenna)
Mounting	Attached mounting flanges
Voltage Requirements	18-24 DC Charging (wired adapter or solar panel)
Current Requirements	2A max current draw when charging
Operating Runtime	2-3 days battery backup
Operating Temp	-20°C to 50°C
Data Outputs	Digital wired output (3.3V TTL - USB)
	4G NB-IoT or Cat M1 Wireless
	SD card data backup

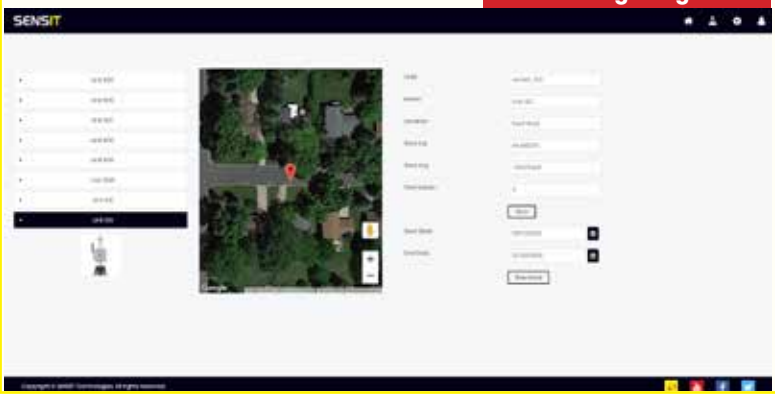
Periodic Maintenance
Periodic cleaning of sensor openings of dust, zero point calibration, and single point span calibration. User replacement of sensors is easily performed as needed.

Data Page

Sampler Page



Settings Page



SENSIT Technologies

851 Transport Drive
Valparaiso, IN 46383-8432

Phone: 888 4SENSIT
888 473 6748
219 465 2700

Fax: 219 465 2701
www.gasleaksensors.com

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies
is an ISO 9001:2015 certified company.

Distributed by:

 REV: 2-1-2020